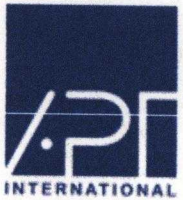
Catalog D.

Mound City Roofing Tile Co.

St. Louis, Mo.

Digitized by:



ASSOCIATION
FOR
PRESERVATION TECHNOLOGY,
INTERNATIONAL
www.apti.org

**BUILDING
TECHNOLOGY
HERITAGE
LIBRARY**

https://archive.org/details/buildingtechnologyheritagelibrary

From the collection of:

**NATIONAL
BUILDING
ARTS
CENTER**

http://web.nationalbuildingarts.org

CATALOGUE D

Mound City Roofing Tile Co.

Incorporated December, 1902

Saint Louis, Mo.

Manufacturers of Modern Shapes of

Shale Roofing Tile and Terra Cotta Trimmings

FOR TILE AND SLATE ROOFS

HIGHEST AWARD
Gold Medal, World's Fair
ST. LOUIS, 1904

THAT Terra Cotta Roofing Tile is now acknowledged to be the best product for protection of buildings from storm and rain has been proven by its increased and continued acceptance, and as evidenced by reviewing many of the modern structures such as Residences, Schools, Libraries, Universities, Churches, Railway Depots, Freight Buildings, Factories, Stables, Etc., where we find that the above material has been generously used with satisfactory results.

Looking forward to the expectant demand for this product in the future, The Mound City Roofing Tile Co. was organized for the manufacture of Terra Cotta Roofing Tile with all the accessory Trimmings of the most modern shapes, highest grade and superior quality in various colors and glazes. The above assurance is here given on the satisfactory tests made of their clay which is especially and essentially adapted for the manufacture of Terra Cotta Roofing Tile.

Being centrally located in the heart of St. Louis, and having superior shipping facilities, we can easily reach any territory in the United States.

Our clay is of the finest grade of Shale and makes Roofing Tile of a superior quality and color, burning a solid red throughout and burnt to a very high temperature which insures it against disintegration from the most severe climatic influences. It is also very compact and dense. In manufacturing our Tile we employ none but the best skilled mechanics or experts that money can secure. This in connection with the most modern machinery and up-to-date plant in the United States, enables us to produce a Tile which is second to none manufactured in this country.

Roofing Tile, without doubt, is one of the best known *non-conductors* of both heat and cold when well burnt but not *vitrified.* An absolutely *vitrified* Tile in a great many respects has the same objectionable features as Slate, namely: being *brittle,* a *conductor* of both heat and cold, will not absorb condensation which in certain climates and seasons of the year causes a *constant drip,* making a very unsatisfactory roof when used on open construction. Also when it is subjected to a high temperature from an adjoining fire, it will crack and fly all to pieces the same as slate. Well burnt Shale Roofing Tile will not break from excessive heat or from walking over them and when hung on strips and wired on roofs, will not break from the settling or structural motion of the roof as slate very often does.

Nothing can be more desirable than Roofing Tile for a fire proof building, especially does this refer to buildings that are more or less exposed to the danger of fire caused from flying sparks from engines or from adjoining buildings on fire.

The initial cost of Tile in some localities exceeds that of Slate, but the ultimate economy is accepted by all who are familiar with its use. The hard burnt Shale Tile well laid on the roof will last indefinitely, while no other roofing material has this record. A well burnt Shale Tile in manufacturing, is subjected to a temperature of about 2,000 degrees Fahrenheit and will stand 200 per cent more heat than Slate without injury to the Tile.

Method of Laying Tile

It is an *erroneous* idea that *Interlocking* Roofing Tiles are very difficult and expensive to lay; in fact it is just the opposite, for on account of being made to easily fit into each other, they are quickly and easily put in place. The *interlocking* feature *dispenses* with the *use* of elastic cement which must be used with plain Spanish Tile.

There are two kinds of roof construction; one called closed construction and the other open construction.

Glass Tile

We furnish glass tiles in shapes "A," "C" and "S", for introducing light through the roof. They can be placed where required and readily moved at any time, if so desired, as they are fac-similes of the Terra Cotta Tile in every particular, in shape and form.

Valley and Hip Tile

We furnish cut Hip and Valley Tile, as well as cut and filled Valley Tile, at an additional charge. Roof plans and elevations, with measurements, must be furnished to do this work accurately.

Graduated Tile

Are made to order, to fit all kinds of towers.

Promenade Tile

For flat roofs of Office Buildings, Apartment Houses, etc.; are far in advance of gravel or composite roofs, as they shed the water much better. These tile, laid in asphalt, will make the best, cleanest and most substantial flat roofs, and are absolutely fire and water proof.

Shingle Tile

Better, handsomer and more durable than slate.

Trimmings

Trimmings made for Hips, Ridge and terminations of same, and, if desired, from any design furnished by the Architect.

Slate Roof Trimmings

As there is constantly a demand for Terra Cotta Trimmings for Slate Roofs, we have devoted special attention to suitable and appropriate designs for this class of work.

General Specifications

Tile on Wood Strips

Cover sheathing with one layer of Asphalt Roofing Paper weighing 30 lbs. to square. Fasten it down with plaster lath laid perpendicularly 24 inches on centers.

Wood strip to be 1 in. x 2 in., surfaced one side and nailed horizontally over lath, spaced accurately, according to pattern of Tile used. Top strip to finish 2½ inches from apex of roof, and cant strip to be doubled. First strip must be set to allow eave course to project 2 inches into gutter to allow free drip.

All valleys to have 1 in. x 2 in. strips nailed at each side, over which to turn the valley metal.

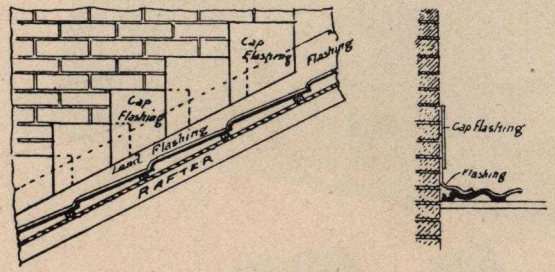
All Crestings and Hip Rolls to be laid in cement, colored to match shade of tile and all the joints are to be neatly pointed with same cement. A Hip board of necessary thickness and width, according to size of hip roll, is to be well fitted and nailed to top of hip rafter for receiving and nailing Hip Roll to same.

Wiring

Each Tile in gable and eave course and every third tile in body of roof must be securely fastened with No. 18 copper wire by attaching to lug on underside of Tile, then passing wire through a Galvanized staple driven into sheathing directly under lug and winding wire around nail at one side of Tile.

Tile Laid by Nailing

Omit plaster lath and fasten felt with small nails and tin cap or large headed felt nails. Nail tile directly to sheathing with one or two Galvanized or copper nails, as pattern selected may demand.



SHOWING FLASHING AGAINST PERPENDICULAR WALL
Cut 4

Valley Metal

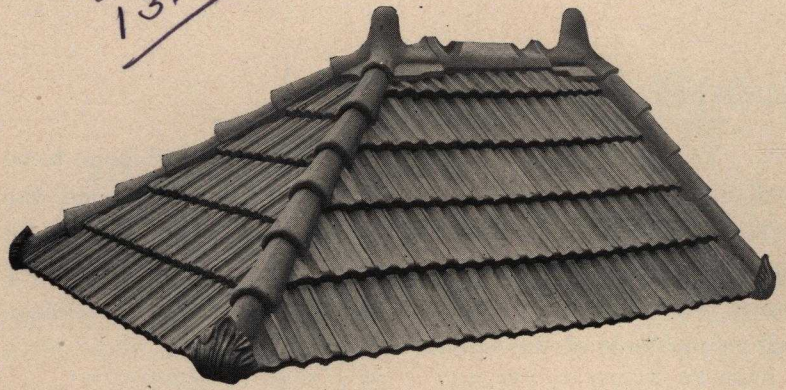
The valleys are to be covered with metal which is to be well fitted over the valley strips and to extend beyond the outside of same, not less than three inches on each roof. Separate pieces of roofing-felt are to be laid under the valley metal wide enough to extend well under the main roofing-felt on each side of the valley.

The Roofing-Felt is to extend over the top of the outer three inches of valley metal up to the valley strip on each side of valley gutter.

Where Roofing Tile comes against brick wall, it is to be fitted as closely as practicable and then lay lead or copper flashing well bent and fitted to the tile and also against wall not less than six inches high, then cover this flashing with cap flashing well and securely fitted into joints of brick work, (See illustration, this Page, Cut 4.)

6.00 Red
13.00 Green

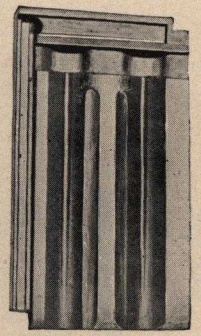
A Tile



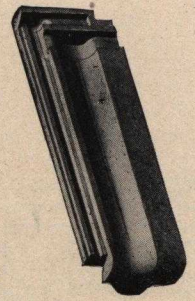
A Interlocking Tile

With H-5 Hip
H-5 Starter, ornamental
R-5 Ridge
T-3 Terminal, 2-way

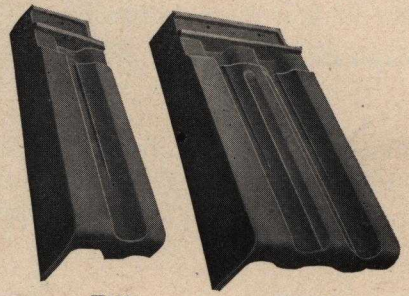
Size of Tile	9 in. x 15½ in.
Gauge	7½ " x 12¾ "
Number to square	150
Shipping weight, including trimmings	1000 lbs.



A Tile



A Half Tile

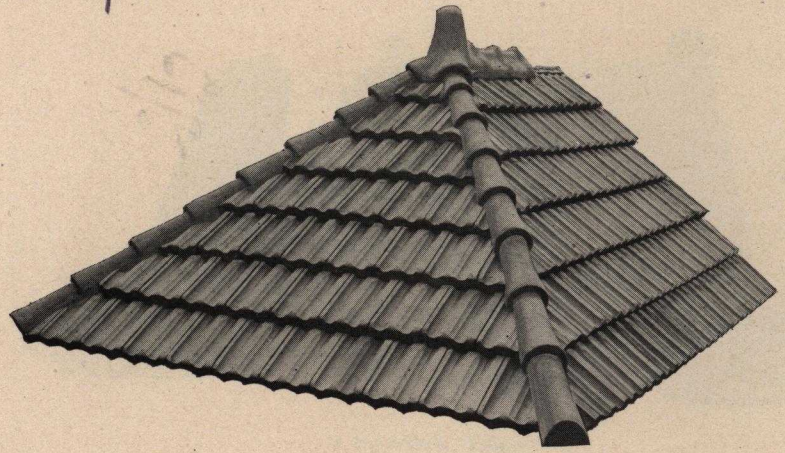


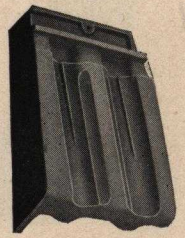
Half Whole

A Gable Coping

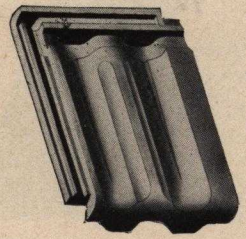
7.50 Red
14.50 Green

B Tile

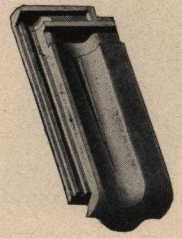




B Gable Coping



B Tile



B Half Tile

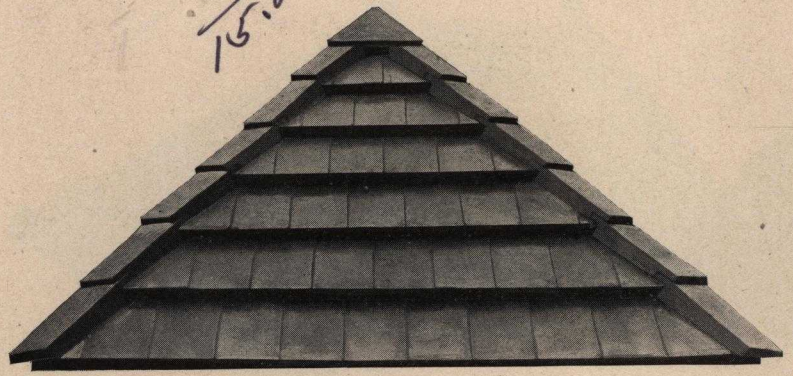
B Interlocking Tile

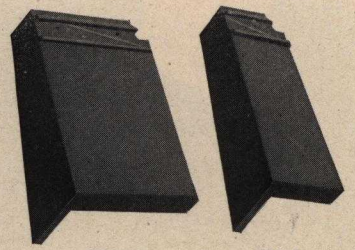
With H–5½ Hip
H-5½ Starter, plain
R-1½ Ridge
T-3 Terminal, 2-way

Size of Tile	8½ in. x 12⅜ in.
Gauge	10 " x 7½ "
Number to square	192
Shipping weight, including trimmings	1018 lbs.

8.00 Red
15.00 Green

Panama Tile





Whole Half

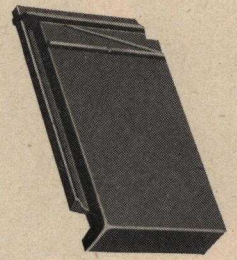
Panama Gable Coping

Panama Tile

With H-8 Hip
H-8 Starter, plain
R-6 Ridge
T-2 Terminal, 2 way

Size of Tile	8⅛ in. x 13¾ in.
Gauge	7¾ " x 10½ "
Number to square	177
Shipping weight, including trimmings	1251 lbs.

Panama Tile



Closed Eave

Half Tile

S Spanish Tile

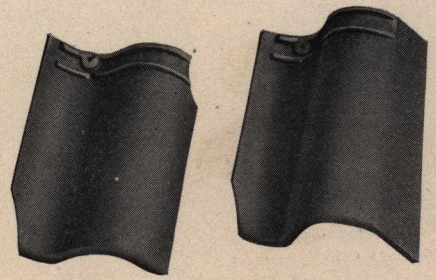
8.01 Red
16.01 Green

Flat Tops | Closed Eaves | Left Gable Coping

S Spanish Tile

With H-4 Hip
H-4 starter, ornamental
R-4 Ridge
T-7 Terminal, 2-way
R-4 " gable

Size of Tile	9 in. x 13 in.
Gauge	8 x 10¼ in.
Number to square	178
Shipping weight, including trimmings	955 lbs.



S Spanish | Right Gable Coping

MOUND CITY ROOFING TILE COMPANY

C Spanish Tile

C Spanish Tile

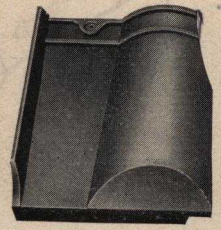
Right Gable Coping

Left Gable Coping

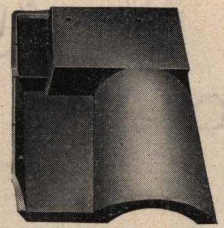
C Spanish Tile

With H-3 Hip
H-3 Starter, ornamental
R-1 Ridge
T-3 Terminal, 2-way

Size of Tile	12½ in. x 9½ in.
Gauge	10 " x 8 "
Number to square	180
Shipping weight, including trimmings	986 lbs.



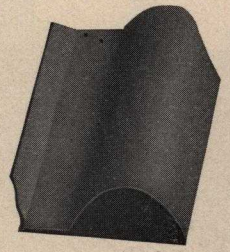
Closed Eave



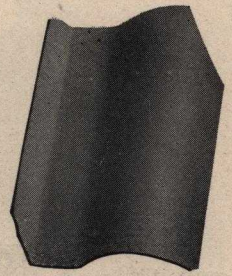
Flat Top

Southern Spanish is similar to C Spanish in shape. only smaller. Used on upright work and porches, where small tile are required

Cascade Spanish

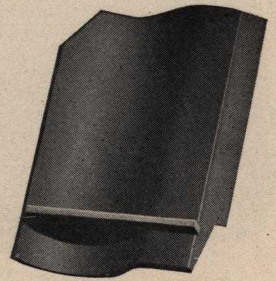


Closed Eave



Cascade Spanish

Flat Top

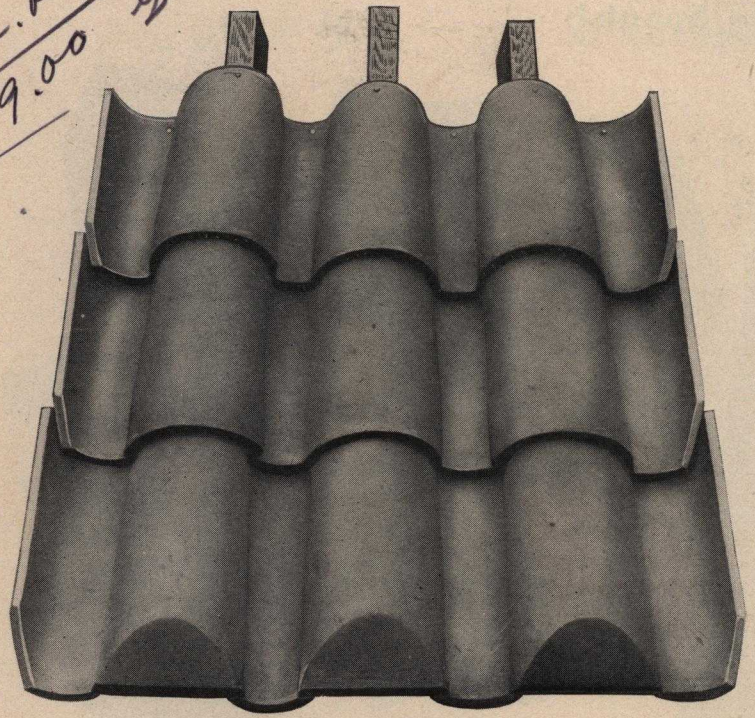


Closed Eave
Inverted Tile showing
Fixed Closure

Size of Tile	10½ in. x 13¾ in.
Gauge	10 " x 8⅝ "
Number to square	170 "
Shipping weight, including trimmings	899 lbs

Gable coping furnished with this pattern

12.00 Red
19.00 Green

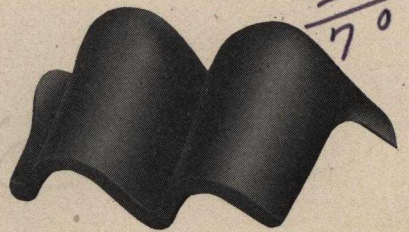


Mission Tile, Showing Construction

Size of Tile, 15½ in. x 7¾ in. each
Guage, 9½ in. x 12 in.
Number to square, 254 { 127 rolls / 127 pans
Shipping weight, including trimmings, 1370 lbs.

Mission Tile

50 Red
70 Green

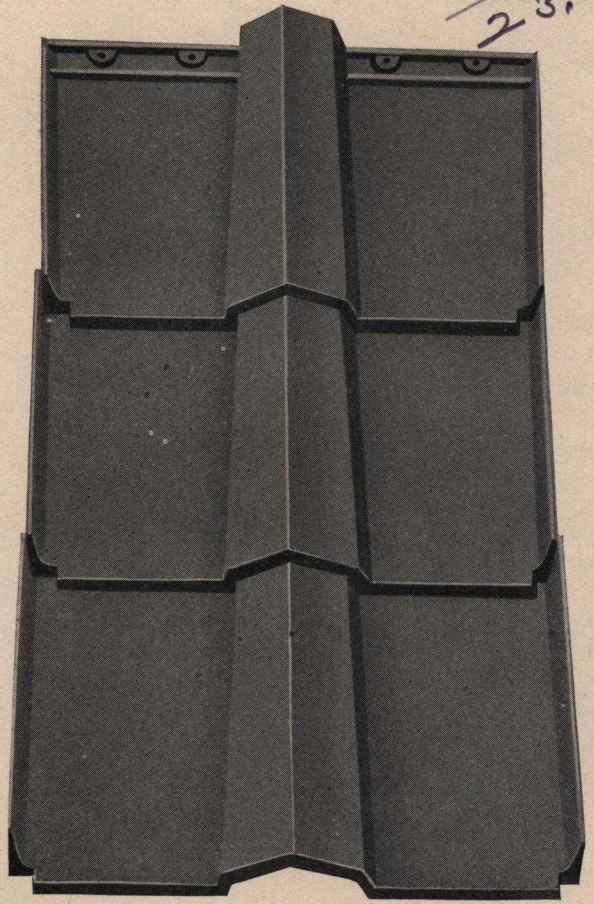


Mission Ridge

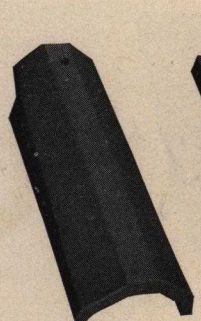
15 Red
21 Green

Mission Hip

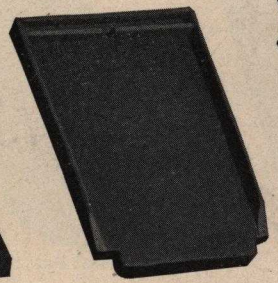
16.00 Red
23.00 Green



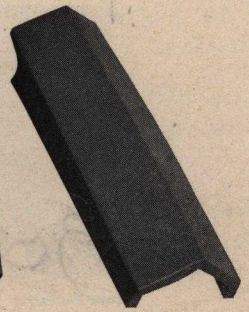
Greek Tile



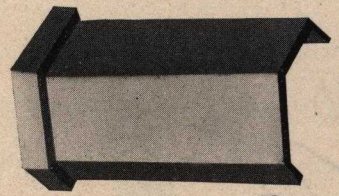
Octagon Cover Tile



Pan Tile



Hexagon Cover Tile



Greek Ridge

35 Red
49 Green

Size of Tile { Pans 13¼ in. x 8½ in. / Cover 13¾ in. x 5¼ in.

Guage, 11 in. x 11 in.

Number to square 240 { 120 covers / 120 pans

Shipping weight, including trimmings, 1121 lbs.

8.00 Red
15.00 Green

10.00 Red
17.00 Green

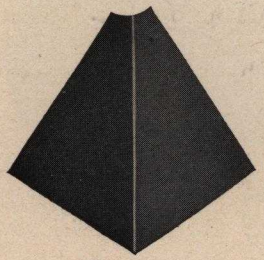
MOUND CITY ROOFING TILE COMPANY

Shingle Tile

Plain Shingle

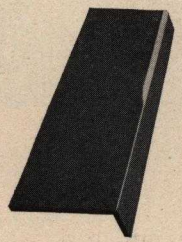
Round Butt Shingle

Size of Tile.....6 in. x 13½ in.
Gauge.....5½ " x 6 "
Number to square.....440
Shipping weight, including trimmings 1155 lbs.



Mitered Hip

Half Tile



Mitered Corner

10.00 Red
17.00 Green

B Special

Size of Tile.....7 in. x 10¾ in.
Gauge.....6 " x 8½ "
Number to square.....283
Shipping weight, including trimmings.....971

Both makes 6,00 Red only

Promenade Tile

6 in. x 9 in. x ¾ in. thick; weight per square 938 lbs.
Number to square, 268.
6 in. x 9 in. x 1 in. thick; weight per square, 1100 lbs.

The "Promenade" Tile is made especially for covering flat Roofs and Promenades.

It is 6 in. by 9 in. by ¾ or 1 in. in size, laid in asphaltum with smooth face on top, which enables the water to easily run off with one per cent fall.

This tile also makes a most excellent paving material. It is impervious to moisture, being a very compact body and burnt to a high degree of heat.

Specification for Laying Promenade Tile

First lay one dry sheet of building paper, every sheet lapping preceding one 2 inches. On this lay 4-ply No. 2 14-lb. tarred felt. Mop between each sheet with hot Tremolite.

Over this entire surface of felt laid, spread a uniform coat of hot Tremolite, which is to be thoroughly set before laying of tile.

On this surface lay 6x9x1-inch thick hard burned red tile, all joints to be straight and left open not less than ⅜ of an inch.

The joints are to be half filled with hot Tremolite. Balance of joints to be washed in with Portland cement, parts 3 to 1.

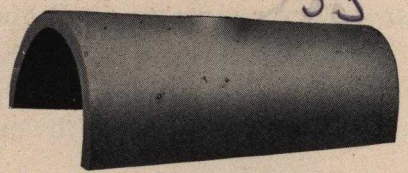
All tile is to be left clean and free from defects.

All eaves and outlets to have a copper Duplex eave stop. All walls and skylight to be flashed and cap flashed with 14 oz. soft copper, as follows:

Base flashing 5 inches on roof or wall.

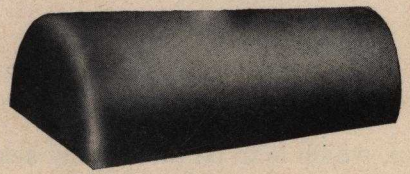
Cap flashing not less than 5 inches to extend 1 inch into brick joints, fastened with lead plugs and pointed with cement.

Hip No. 1

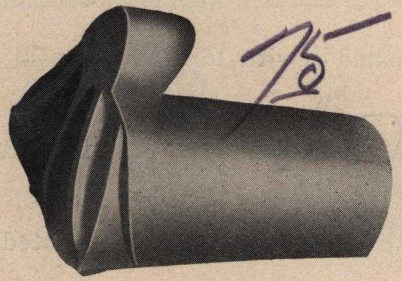


Length, 12 inches to weather
Width inside..... 4 in.
Height outside..5 in.
Weight..... 7½lbs.

H-1 Plain Starter



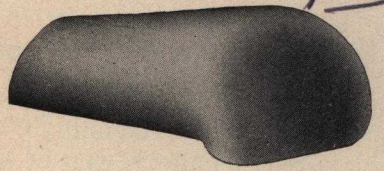
H-1 Ornamental Starter



Hip No. 2

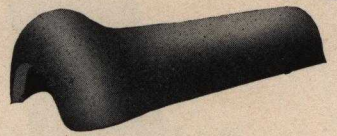
Length, 12 inches to weather
Width inside.....3½ in.
Height outside...3½ in.
Weight .....4½ lbs.

H-2 Plain Starter



H-2 Ornamental Starter

Hip No. 3



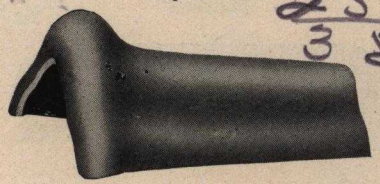
Length, 12 inches to weather
Width inside .....5½ in.
Height outside....5 in.
Weight.....6¼ lbs.

H-3 Plain Starter

H-3 Ornamental Starter

Gr. Gl. add 40 0/0.

Hip No. 4



Length, 12 inches to weather
Width inside, 5¾ in.
Height outside, 6 in.
Weight per foot, 7½ lbs.

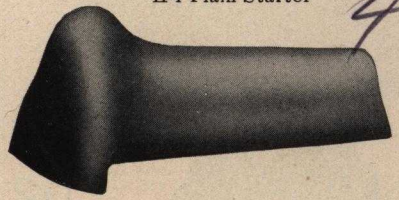
Hip No. 5

Length, 12 inches to weather
Width inside, 3½ in.
Height outside, 3½ in.
Weight, 4½ lbs.

Hip No. 5½

Length to weather, 10 in.
Width inside, 4½ in.
Height outside, 3 in.
Weight per foot, 2½ lbs

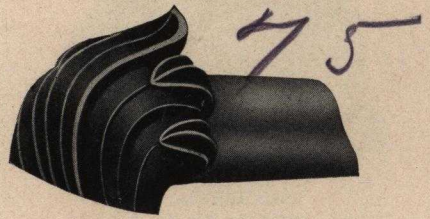
H-4 Plain Starter



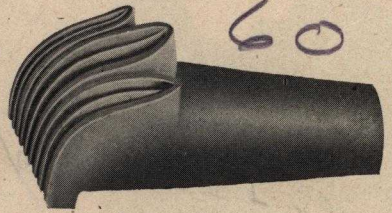
H-5 Plain Starter

H-5½ Plain Starter

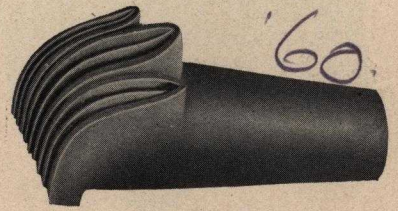
H-4 Ornamental Starter



H-5 Ornamental Starter



H-5½ Ornamental Starter



Add 40 o/o Gr. Gl.

Hip No. 6

Length to weather..... 9 in.
Width inside ..... 2¾ in.
Height outside ..... 3 in.
Weight per foot..... 2¼ lbs.

Hip No. 7

See Cut on Mission Tile page 16

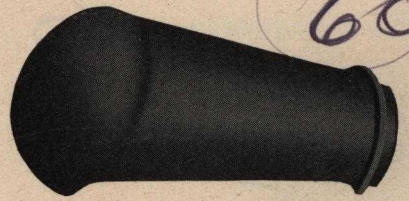
Length to weather ..... 12 in
Width inside..... 7 in.
Height outside..... 4½ in.
Weight, per foot 7½ lbs.

Hip No. 8

Length to weather..... 12 in.
Width inside..... 6 in.
Height outside..... 3 in.
Weight, per ft 6¾ lbs.

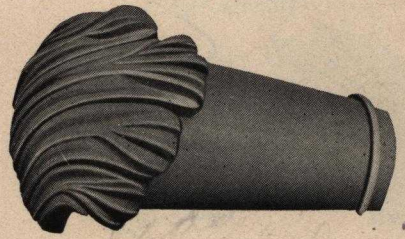
H 6 Plain Starter

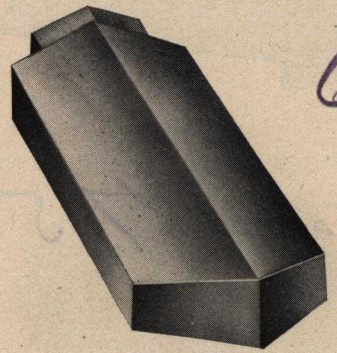
H-7 Plain Starter



Ornamental Hip Starter made for Hip 6

H-7 Ornamental Starter





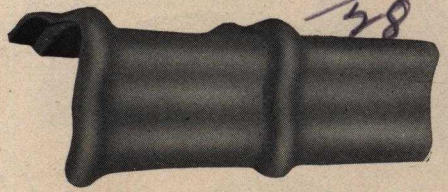
Plain Hip Starter made for Hip No. 8

Add 40% for Green Glaze

R-1 Ridge

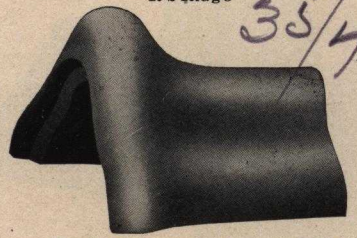
Length to weather ..... 20in.
Width inside ..... 9 in.
Height outside ..... 6½ in.
Weight per foot ..... 13½ lbs.

R-1½ Ridge



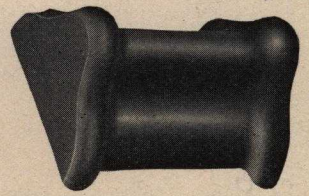
Length to weather ..... 20 in.
Width inside ..... 6 "
Height outside ..... 5 "
Weight per foot ..... 10 lbs.

R-2 Ridge

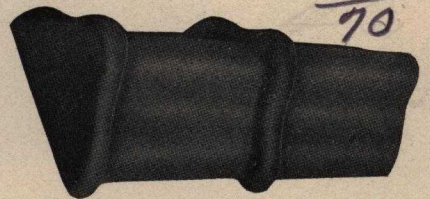


Length to weather ..... 16 in.
Width inside ..... 9 in.
Height outside ..... 6½ in.
Weight per foot ..... 14 lbs.

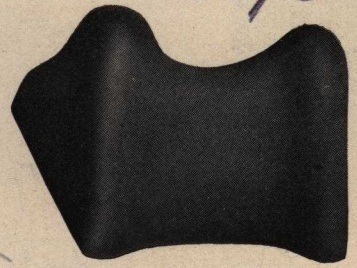
R-1 Closed End



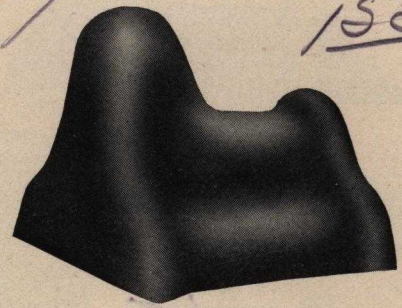
R-1½ Closed End



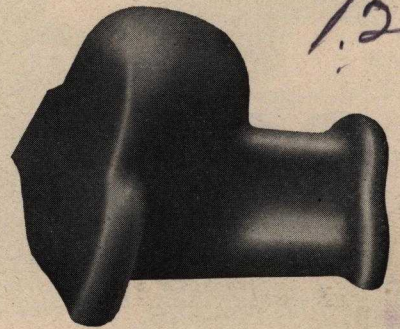
R-2 Closed End



R-1 Gable Terminal

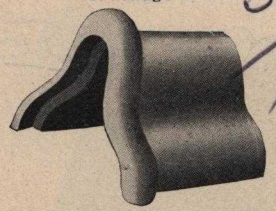


R-1½ Gable Terminal



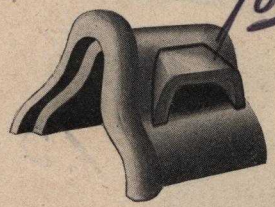
Length to weather ..... 12 in.
Width inside ..... 6 "
Height outside ..... 10 "
Weight, per foot ..... 14 lbs.

R-3 Ridge



Length to weather ..... 15 in.
Width inside ..... 13 in.
Height inside ..... 13 in.
Weight per foot ..... 25 lbs.

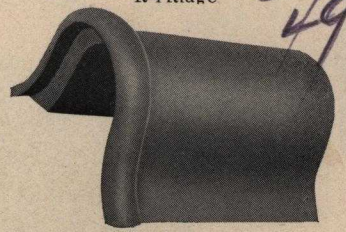
R-3 Ventilator



R-3 Gable Terminal

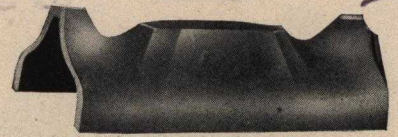
Gable Terminal R-4
Plain R-4 Closed Ends also made

R-4 Ridge



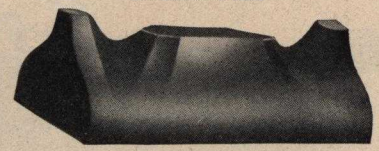
Length to Weather ..... 12 in.
Width inside ..... 9 in.
Height outside ..... 7 in.
Weight per foot ..... 7½ lbs.

R-5 Ridge

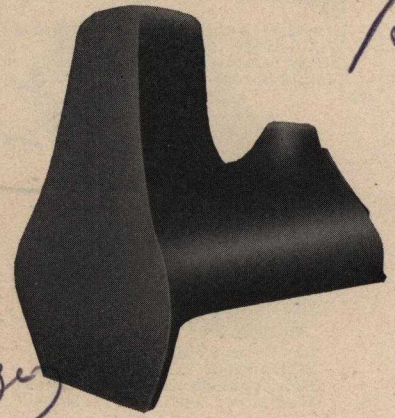


Length to weather ..... 20 in.
Width inside ..... 9 in.
Height inside ..... 4 in.
Weight, per ft. ..... 10 lbs.

R-5 Closed End

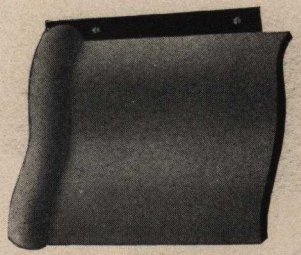


R-5 Gable Terminal



Add 40% for Green Glaze

Fig. No. 33 DR3



Length to weather..... 15 in.
Height against wall..... 13 in.
Weight per foot ..... 12 lbs.

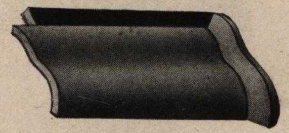
F 1

This finial made to fit any pitch or number of Hip take-up required

Fig. No. 31 R1—T

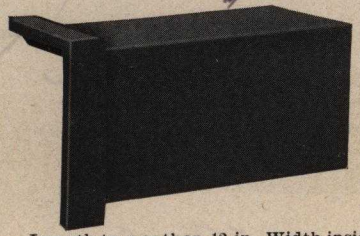
Length to weather ..... 12 in.
Width inside..... 8 in.
Weight per foot..... 14 lbs

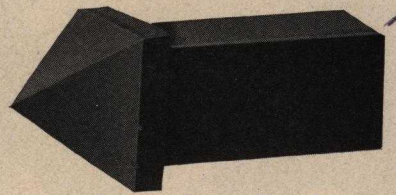
Fig. No. 31 DR1



Length to weather..... 12 in.
Height against wall ..... 6 in.
Weight per foot ..... 5½ lbs.

R-6 Ridge





R-6 Ridge Closed End

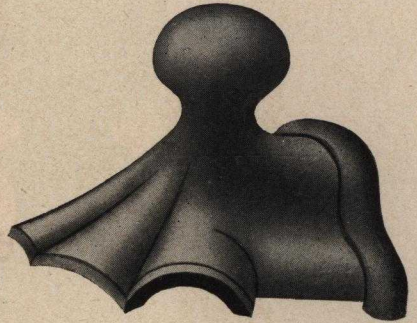
Length to weather, 12 in. Width inside, 9 in. Height outside, 6½ in. Weight, per foot, 13⅓ lbs.

Add 40 % for Green Glaze

Terminals

Fig. No. 55 T5

Fig. No 54 T4



F 1

Fig. No. 56 T6

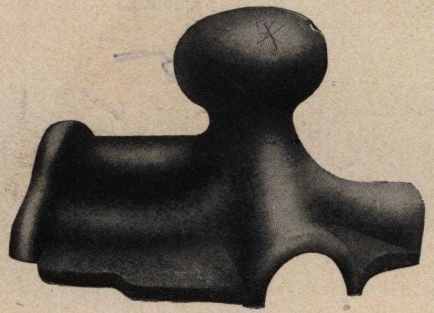


Fig. No. 57 T7

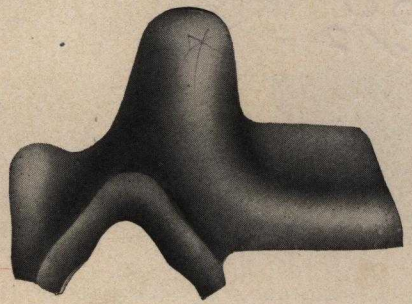
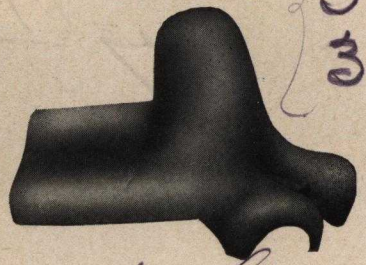


Fig. No. 58 T8



300 R½
350 R1

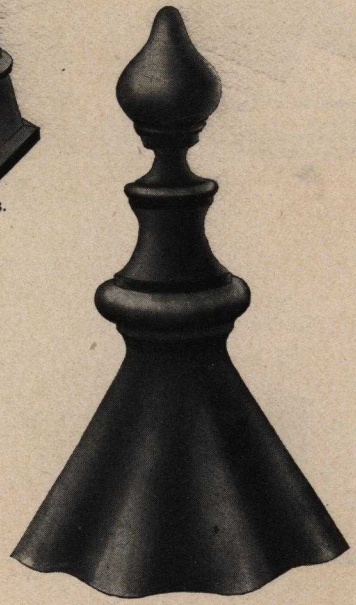
Add 40% Green Glaze.

Price of Finials varies. from 6.00 to 25.00 for Green Glaze add 40 pc

Height 48 inches.
F 2

Height 42 inches.
F 3

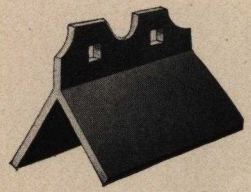
Height 20 inches.
F 4



Height 32 inches.
F 5

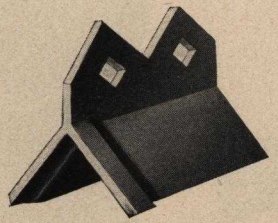
Crestings for Slate Roofs

Fig. No. 37 R7



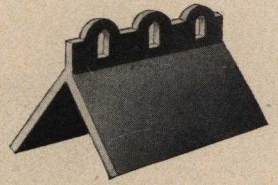
Length to weather, 12 inches
Pitch ..... one-half
Heighth outside ..... 12 inches
Weight per foot ..... 15 lbs.

Fig. No. 38 R8



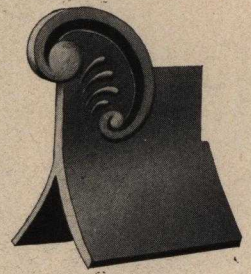
Length to weather 12 in.
Pitch ..... one-half
Height outside ..... 18 in.
Weight per foot ..... 15½ lbs.

Fig. No. 39 R9



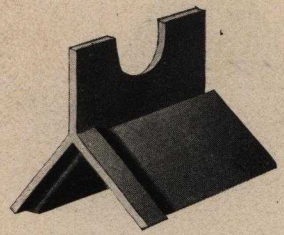
Length to weather, 12 in.
Pitch ..... one-half
Height outside ..... 13 in.
Weight per foot ..... 20 lbs.

Fig. No. 44 R14



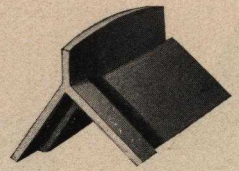
Length to weather, 17 in.
Pitch ..... one-half
Height above ridge ..... 10½ in.
Weight per foot ..... 31 lbs.

Fig. No. 40 R10



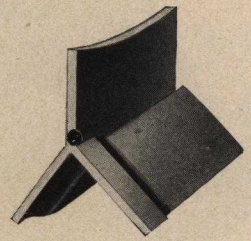
Length to weather, 12 inches
Pitch ..... one-half
Height outside ..... 13 in.
Weight per foot ..... 15 lbs.

Fig. No. 41 R11

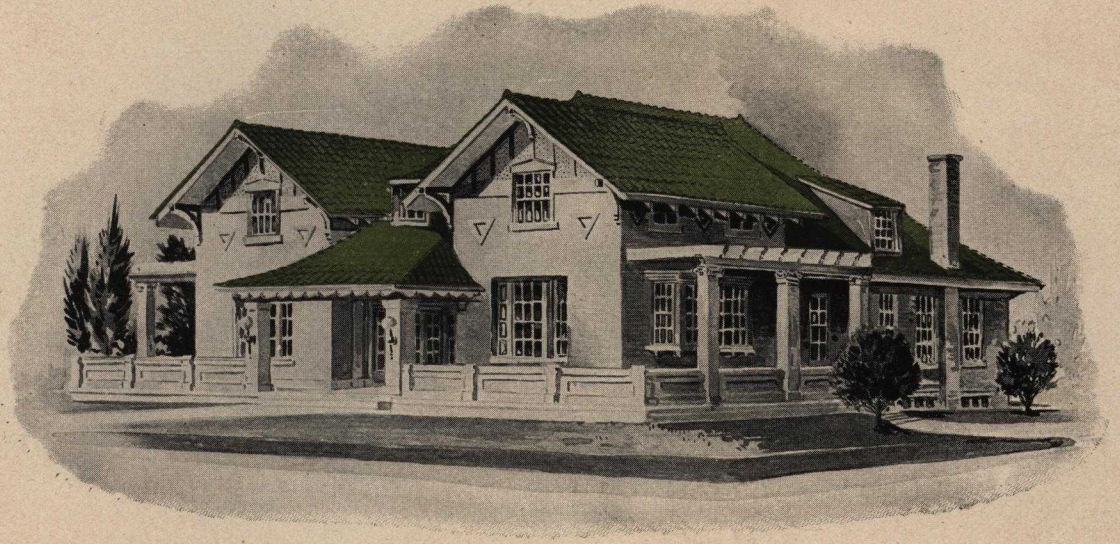


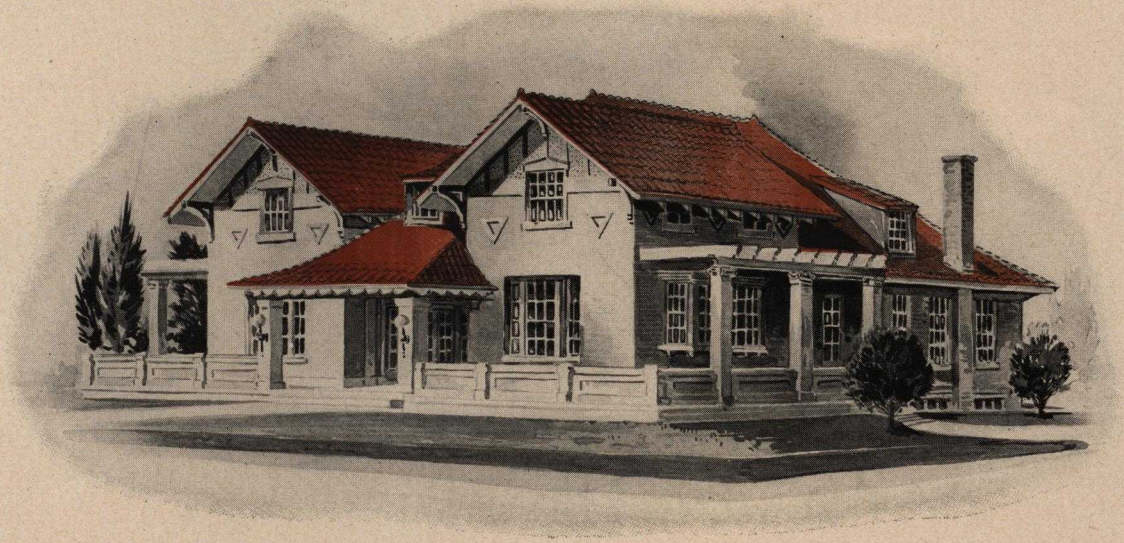
Length to weather, 12 in.
Pitch ..... one-half
Height outside ..... 12 in.
Weight per foot ..... 15½ lbs.

Fig. No. 42 R12



Length to weather, 12 in.
Pitch ..... one-half
Height outside ..... 12 in.
Weight per foot ..... 15 lbs.





9 May

Price list

May 15, 1911

MOUND CITY
ROOFING TILE CO.

VIA BLUE LINE.

VIA BLUE LINE.

VIA BLUE LINE.

PAY TO THE ORDER OF
STATE NATIONAL BANK,
Mound City Roofing Tile Co.

PAY TO THE ORDER OF
STATE NATIONAL BANK,
Mound City Roofing Tile Co.

ST. LOUIS, MO.

Walter Gallandt,

3922 Wyoming St.

St Louis Mo

Via Blue Line

Yours Respectfully